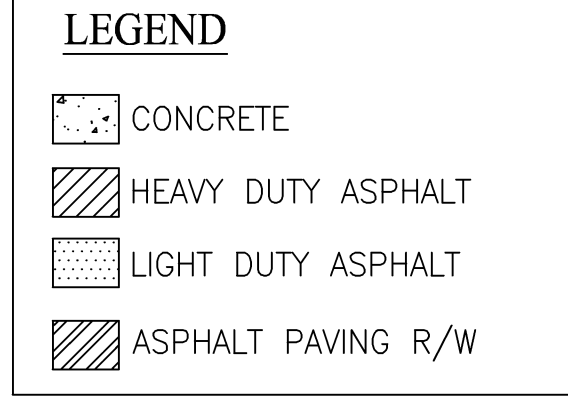
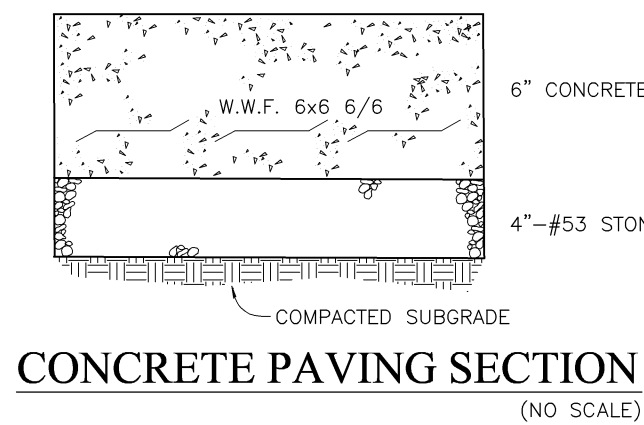
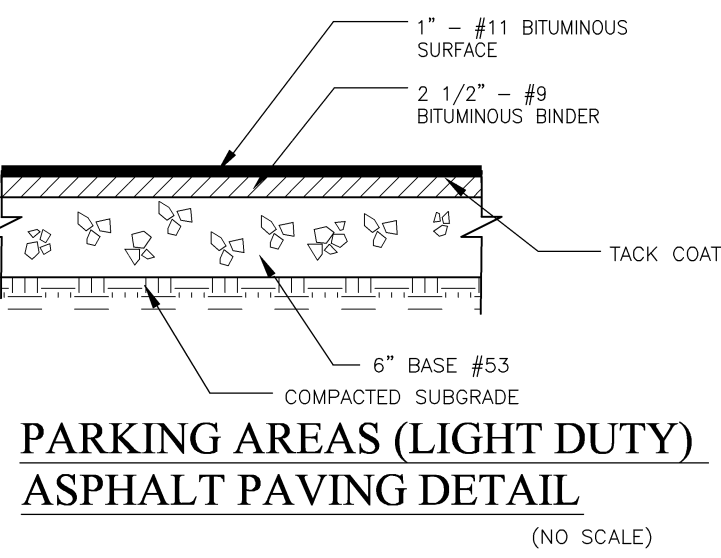
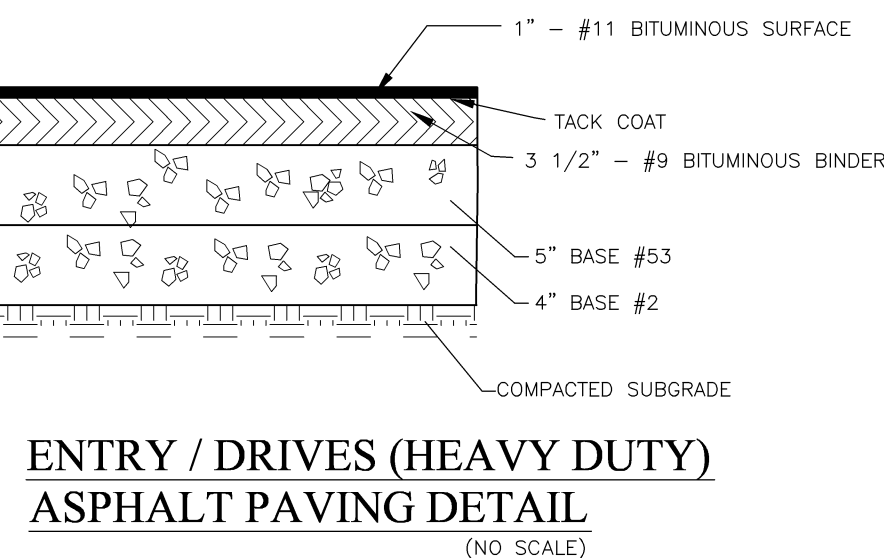
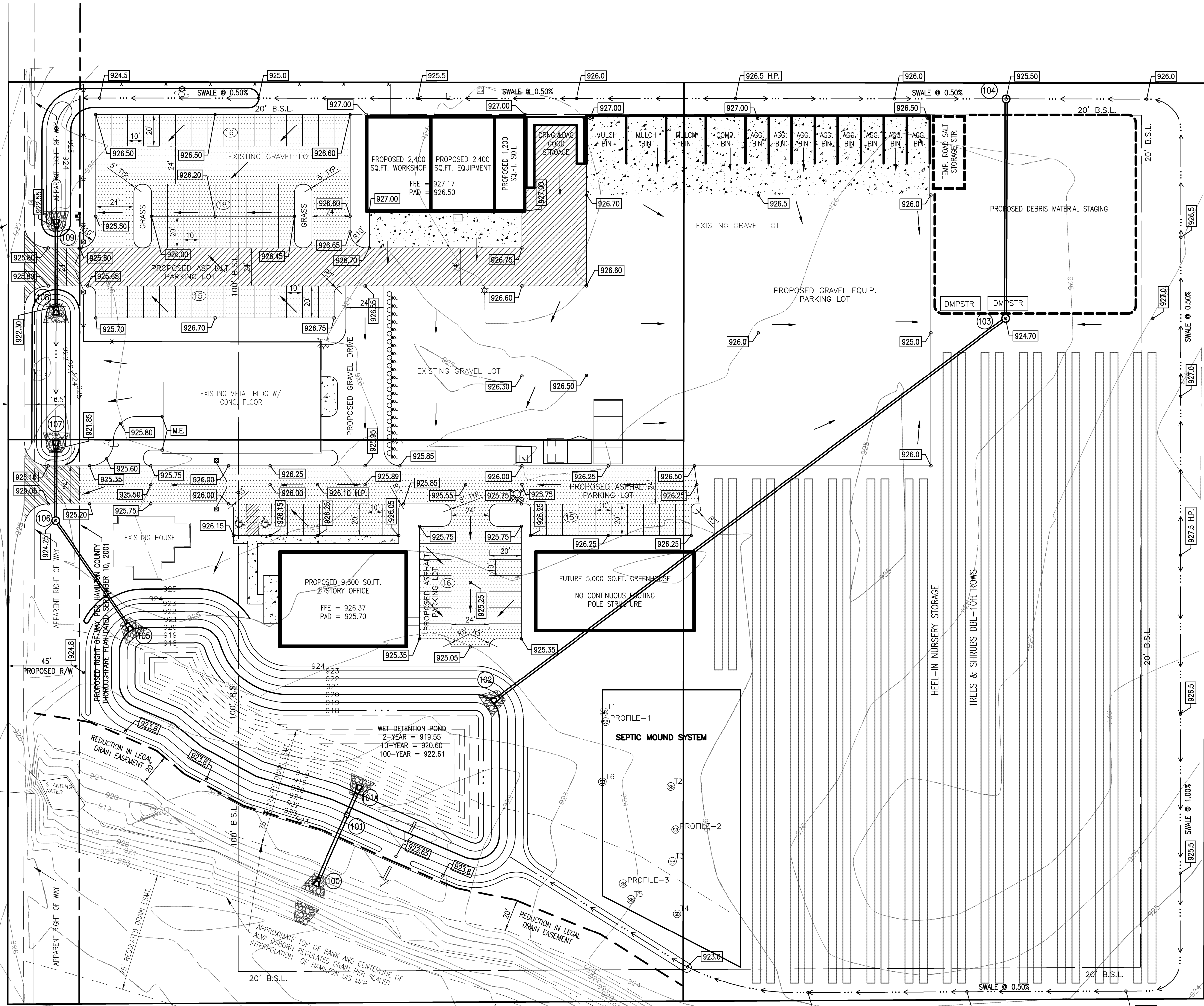


WEST LINE OF SE 1/4, SEC. 22-T19N-R3E
S 00°12.5' W (ASSUMED BASIS OF BEGINNING)

SIX PONTS ROAD



GENERAL GRADING NOTES:

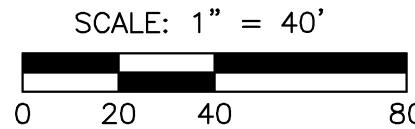
1. REFER TO THE INDIANA DEPARTMENT OF TRANSPORTATION (INDOT) STANDARD SPECIFICATIONS, 1985 EDITION, FOR BASIC MATERIALS AND CONSTRUCTION METHODS. THE SECTIONS BELOW FOR VARIOUS ITEMS ARE TO CLARIFY THE INTENT OF THE REQUIREMENTS FOR THIS PROJECT. PLEASE NOTE THAT OTHER SECTIONS OF THE INDOT STANDARD SPECIFICATIONS MAY ALSO BE APPLICABLE.
2. FILL MATERIAL SHALL CONSIST OF EARTH OBTAINED FROM CUT AREAS, BORROW PITS OR OTHER APPROVED SOURCES. EARTH SHALL BE FREE FROM ORGANIC MATTER AND OTHER DELETERIOUS SUBSTANCES AND LARGE ROCKS. THE FILL MATERIAL SHALL BE PLACED IN LAYERS NOT TO EXCEED SIX INCHES FOLLOWING COMPACTION. PROPER MOISTURE CONTENT OF FILL MATERIAL WILL BE SUCH TO ACHIEVE SPECIFIED COMPACTION DENSITY. ALL FILL BENEATH PAVED AREAS, FLOOR SLABS AND FUTURE BUILDINGS SHALL BE COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY PER ASTM D-1557. FIELD COMPACTION TEST SHALL BE RUN ON EACH LIFT. IN FILL SECTIONS, AND THE REQUIRED COMPACTION ON EACH LIFT SHALL BE IN ACCORDANCE WITH INDOT SECTION 211.
3. MAXIMUM LAWN SLOPE IS 3:1.
4. THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES TO LOCATE MAINS, CONDUITS, SERVICE LINES, ETC. IN THE AFFECTED CONSTRUCTION AREA. EXISTING UTILITY STRUCTURES ARE SHOWN HERE IN ACCORDANCE WITH AVAILABLE INFORMATION. THE LOCATION AND PROTECTION OF UTILITY STRUCTURES, THEIR SUPPORT AND MAINTENANCE DURING CONSTRUCTION (IN COOPERATION WITH APPLICABLE UTILITY COMPANY) IS THE EXPRESSED RESPONSIBILITY OF THE CONTRACTOR.
5. ALL SPOT ELEVATIONS ARE TO FINISHED GRADE.
6. COMPACTED "B" BORROW BACK FILL REQ'D. OVER ALL UTILITIES IN PAVED AREAS.
7. ALL GRADES AT BOUNDARY SHALL MEET EXISTING.
8. ANY PART OF SANITARY OR STORM SEWER TRENCHES RUNNING UNDER OR WITHIN 5' OF PAVEMENT TO BE BACKFILLED WITH GRANULAR MATERIAL.
9. ALL CONSTRUCTION ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH O.S.H.A. STANDARDS FOR WORKER SAFETY.
10. THE CONTRACTOR SHALL CONFIRM ALL EARTHWORK QUANTITIES PRIOR TO THE START OF CONSTRUCTION. IF AN EXCESS OR SHORTAGE OF EARTH IS ENCOUNTERED, THE CONTRACTOR SHALL CONFIRM WITH THE OWNER AND ENGINEER THE REQUIREMENTS FOR STOCKPILING, REMOVAL OR IMPORTING OF EARTH.
11. PROVIDE POSITIVE DRAINAGE WITHOUT PONDING IN ALL AREAS AFTER INSTALLATION. CONTRACTOR TO TEST FOR AND CORRECT ANY PONDING CONDITIONS.
12. VERTICAL CURVES, WITH A MINIMUM LENGTH OF 50', SHALL BE USED WHERE POSSIBLE BETWEEN VERTICAL CHANGES IN DIRECTION (SLOPE) TO ALLOW FOR POSITIVE DRAINAGE AND SMOOTH TRANSITIONS.

NOTES:

1. CONTRACTOR SHALL VERIFY SITE SOIL BALANCE REQUIREMENTS. EXCESS/DEFICIENT MATERIAL QUANTITIES SHALL BE FIELD ADJUSTED. ADJUSTMENTS IN FINAL GRADES AS SHOWN SHALL BE FIELD ENGINEERED AS REQUIRED, AND AS APPROVED BY OWNER AND THE ENGINEER. GRADING INTENT AS SHOWN SHALL BE MAINTAINED. EXCESS SOIL SHALL BE REMOVED FROM THE SITE.
2. CONTRACTOR TO INSTALL CONCRETE CRADLES WHEN THE VERTICAL SEPARATION (AS MEASURED FROM THE EXTERIOR OF THE PIPES) BETWEEN SANITARY SEWER FACILITIES, WATER MAIN, AND STORM SEWERS IS 18" OR LESS.
3. GRANULAR BACKFILL TO BE USED FOR ALL UTILITY AND SEWER - STREET CROSSINGS.
4. PIPE CROSSINGS SHALL BE TYPE "B" BORROW. TYPE "B" BORROW SHALL MEET 1/2" OR GREATER NORMAL SIZE.

LEGEND

- RIGHT-OF-WAY LINE
- - - STORM SEWER LINE
- == SWALE
- - - SANITARY SEWER LINE
- SANITARY SEWER MANHOLE
- - - SANITARY SEWER LATERAL
- - - PROPOSED WATER LINE
- - - FLOW DIRECTION
- - - EXISTING CONTOURS
- - - PROPOSED ELEVATION
- - - STORM BEEHIVE INLET
- - - STORM INLET
- - - TOP OF CASTING
- - - INVERT
- - - REINFORCED CONCRETE PIPE
- - - MANHOLE
- - - STRUCTURE
- - - DRAINAGE AND UTILITY EASEMENT
- - - SANITARY SEWER, DRAINAGE AND UTILITY EASEMENT
- - - HANDICAP RAMP
- - - CONCRETE END SECTION
- - - MATCH EXISTING GRADE
- - - TYPICAL
- - - PROPOSED
- - - EXISTING
- - - RADIUS
- - - VARIABLE WIDTH
- - - MINIMUM EXTERIOR FLOOD PROTECTION GRADE
- - - ROW
- - - B-B
- - - BACK OF CURB
- 860.4 = PAD ELEV
- = EMERGENCY FLOW ROUTE



Know what's below.
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811 or 800-382-5544
24 Hours a Day, 7 Days a Week.
PER INDIANA STATE LAW IC 8-1-26,
IT IS AGAINST THE LAW TO EXCAVATE
WITHOUT NOTIFYING THE UNDERGROUND
LOCATION SERVICE TWO (2) WORKING
DAYS BEFORE COMMENCING WORK.

CONSTRUCTION PLANS DATED: 8/30/2012

10505 N. College Avenue
Indianapolis, Indiana 46280
weihe.net
317 846 - 6611
800 452 - 6408
317 843 - 0546 fax
ALLAN H. WEIHE, P.E., L.S. - FOUNDER

WEIHE
ENGINEERS
Land Surveying/Civil Engineering
Landscape Architecture

PROJECT NO.	BY	DATE	REVISIONS AND ISSUES
W12-0055			
DWG NAME: C300-102708R-BW-1			
DESIGNED BY: JES			
DRAWN BY: MEZ			
CHECKED BY: JES			
DATE: 7/24/2012			



JAMES E. SHIELDS JR. P.E. 10201333

SUNDOWN GARDENS
SUNDOWN COMMERCIAL GROUP
DEVELOPMENT PLAN
A part of the Sundown Quarter of Section 22, Township 19 North, Range 3 East, Washington Township, Hamilton County, Indiana

SHEET NO.
C300
PROJECT NO.
W12-0055